NATIONAL IGNITION FACILITY

MANAGEMENT

Michael R. Anastasio
Director, LLNL

George H. Miller
Associate Director, NIF

Edward I. Moses
Project Manager, NIF

Dr. Michael R. Anastasio is the ninth Director to lead Lawrence Livermore National Laboratory (LLNL) since it was founded in 1952. Dr. Anastasio began his Laboratory career focused on the design, evaluation, and understanding of nuclear systems. As Director, he is leading the Laboratory in its mission to ensure national security and apply science and technology to important problems of our time. Today, the Laboratory is primarily charged with ensuring that the nation's nuclear weapons remain safe, secure, and reliable, and with preventing the spread and use of nuclear weapons worldwide. The National Ignition Facility (NIF) plays a key role in this arena, and is one of Dr. Anastasio's primary focus areas.

Dr. Anastasio received his B.S. in Physics from Johns Hopkins University and his M.A. and Ph.D. in theoretical nuclear physics from the State University of New York at Stony Brook. His career at LLNL began in 1980 as a physicist in B-Division, one of the two nuclear weapons design physics divisions. He later became B-Division leader before serving as Associate Director for Defense and Nuclear Technologies, responsible for all activities in the Laboratory's nuclear weapons program. In that capacity, he was instrumental in the development and execution of the national Stockpile Stewardship Program.

Most recently, as Deputy Director for Strategic Operations, Anastasio played a key role in relationships with the University of California and the National Nuclear Security Administration. He had management responsibility for all operational issues at LLNL, and served as the chair of the Council for National Security and chair of the Council for Strategic Operations. He served in Washington at the Department of Energy (DOE), as a scientific adviser on a variety of Stockpile Stewardship Program issues.

He is the recipient of the 1990 DOE Weapons Recognition of Excellence Award for technical leadership in nuclear design. He is also a member of Sigma Pi Sigma, the national physics honor society.

As Associate Director for NIF Programs at Lawrence Livermore, Dr. Miller provides integrated leadership to the senior management team directing the NIF Program. Dr. Miller has been a major participant in the development of DOE's Stockpile Stewardship Program.

Dr. Miller received his B.S. with high honors in Physics (1967), M.S. in Physics (1969), and Ph.D. in Physics (1972), all from the College of William and Mary. From 1972 to 1980, Dr. Miller served as a physicist in A-Division, one of the Laboratory's two nuclear weapons design divisions. In 1980, Dr. Miller became A-Division leader and program leader for all thermonuclear design and computational physics development. In l984, he was named Deputy Associate Director for Nuclear Design, and in 1985 he was named Associate Director. In 1989, Dr. Miller was the Special Scientific Advisor on Weapons Activities to Secretary of Energy Admiral James D. Watkins; he returned to the Laboratory in 1990 as an Associate Director.

Dr. Miller holds memberships in the American

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Physical Society and Sigma Pi Sigma. He has received awards and honors from the National Science Foundation Graduate Fellowship, Gulf-General Atomics Fellowship, and Sigma Pi Sigma. He is a member of the USSTRATCOM Strategic Advisory Group and the Navy Steering Task Group. He has been a member of the Defense Nuclear Agency Scientific Advisory Group of Effects.

In 1998, Dr. Moses joined the NIF Project at the Lawrence Livermore National Laboratory. He has led the Project since 1999. He provides overall integration between the Inertial Confinement Fusion (ICF)/NIF Program's laser, optics, information systems, and associated technology activities with NIF Project activities to ensure meeting the overall schedule, budget, and performance goals.

Dr. Moses earned his B.S. in Electrical Engineering from Cornell University in 1972 and his Ph.D. from Cornell University in 1977. At Hughes Aircraft Company, he was a scientist and Program Manager from 1977 to 1980. Between 1980 and 1982, he was the Section Leader for Laser System Operations at LLNL. From there, he became the Associate Program Leader for Laser Technology until 1987. He led the Isotope Separation and Materials Processing Program between 1987 and 1990, while also serving as Deputy Associate Director for Lasers.

Dr. Moses left the Laboratory in 1990, when he became the Executive Vice President of Advanced Technology Applications, Inc. He returned as Assistant Deputy Associate Director for Program Development in the Physics and Space Technology Directorate, in addition to being the responsible manager for the PEREGRINE Program, a position he held until joining NIF in 1998. He holds patents in laser technology and computational physics.

Questions concerning the National Ignition Facility at LLNL should be directed to the LLNL Public Affairs Office, (925) 422-9919.